

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-144
June 1, 2004

For drilling and production facilities, submit to appropriate NMOCD District Office.
For downstream facilities, submit to Santa Fe office

Pit or Below-Grade Tank Registration or Closure

Is pit or below-grade tank covered by a "general plan"? Yes ☒ No ☐

Type of action: Registration of a pit or below-grade tank ☐ Closure of a pit or below-grade tank ☒

Operator: **Black Hills Gas Resources** Telephone: **(505) 634-1111 ext 28** e-mail address: **dmanus@bhep.com**
Address: **3200 N 1st Street PO Box 249 Bloomfield, NM 87413**
Facility or well name: **Many Canyons 30-04-12 #124** API #: **30-039-29968** U/L or Qtr/Qtr **H** Sec **12** T **30 N** R **4 W**
County: **Rio Arriba** Latitude **36° 49' 35.15"N** Longitude **107° 11' 51.42"W** NAD: 1927 ☐ 1983 ☒
Surface Owner: Federal ☐ State ☐ Private ☐ Indian ☒

RCVD OCT 4 '07

Pit	Below-grade tank	OIL CONS. DIV. DIST. 3
Type: Drilling <input checked="" type="checkbox"/> Production <input type="checkbox"/> Disposal <input type="checkbox"/> Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input checked="" type="checkbox"/> Unlined <input type="checkbox"/> Liner type: Synthetic <input checked="" type="checkbox"/> Thickness 15 mil Clay <input type="checkbox"/> Pit Volume 5,000 bbl	Volume: _____ bbl Type of fluid: _____ Construction material: _____ Double-walled, with leak detection? Yes <input type="checkbox"/> If not, explain why not. _____	
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)	Less than 50 feet 50 feet or more, but less than 100 feet 100 feet or more	(20 points) (10 points) (0 points)
Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)	Yes No	(20 points) (0 points)
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet 200 feet or more, but less than 1000 feet 1000 feet or more	(20 points) (10 points) (0 points)
Ranking Score (Total Points)		30 points

If this is a pit closure: (1) Attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location: (check the onsite box if you are burying in place) onsite ☒ offsite ☐ If offsite, name of facility _____. (3) Attach a general description of remedial action taken including remediation start date and end date. (4) Groundwater encountered: No ☒ Yes ☐ If yes, show depth below ground surface _____ ft. and attach sample results. (5) Attach soil sample results and a diagram of sample locations and excavations.

Additional Comments: **Center of pit was 78° from north and 68 feet of well head.**

No visual soil staining was seen, soils had no odor, and pit only had produced water from drilling operations. Soil samples were taken. See attached analytical.

On September 12, 2007 the Drilling Production Pit was backfilled and contoured to prevent ponding.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Date: **10/3/07**

Printed Name/Title **Daniel R. Manus / Regulatory Technician**

Signature *Daniel Manus*

Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

Approval:

Printed Name/Title

Deputy Oil & Gas Inspector,
District #3

Signature *Bob Dell*

Date:

OCT 16 2007



Sample Analysis Report

CLIENT: Black Hills Gas Resources
3200 North 1st Street
PO Box 249
Bloomfield, NM 87413

Date Reported: 10/1/2007

Report ID: O0709043001

Project: None
Lab ID: O0709043-002
Client Sample ID: MC30-04-12 #124
Matrix: Soil

Work Order: O0709043
Collection Date: 9/24/2007 1:00:00 PM
Date Received: 9/25/2007 10:10:00 AM

Analyses	Result	PQL	Limits	Qual	Units	Date Analyzed/Init
8021B MBTEXN-Soil						Prep Date: 9/27/2007
Benzene	ND	0.50			mg/Kg	09/28/2007 MAB
Toluene	ND	0.50			mg/Kg	09/28/2007 MAB
Ethylbenzene	ND	0.50			mg/Kg	09/28/2007 MAB
m,p-Xylenes	ND	1.0			mg/Kg	09/28/2007 MAB
o-Xylene	ND	0.50			mg/Kg	09/28/2007 MAB
Surr: 4-Bromofluorobenzene	103		80-138		%REC	09/28/2007 MAB
8015B Gasoline Range Organics-Soil						Prep Date: 9/27/2007
Gasoline Range Organics (nC6-nC10)	ND	10			mg/Kg	09/28/2007 MAB
Surr: 4-Bromofluorobenzene	102		66-146		%REC	09/28/2007 MAB
8015B Diesel Range Organics-Soil						Prep Date: 9/26/2007
Diesel Range Organics (nC10-nC32)	ND	20			mg/Kg	09/27/2007 BW
Surr: o-Terphenyl	87.6		69-109		%REC	09/27/2007 BW

These results apply only to the samples tested.

Qualifiers: * Value exceeds Maximum Contaminant Level
D Diluted out of recovery limit
H Holding times for preparation or analysis exceeded
M Matrix Effect
S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit

Reviewed by:

Tom Patten, Laboratory Manager